

Planning Training with MAGIC 3.0

**ITAM GIS
REGIONAL SUPPORT CENTERS**



What is MAGIC?

- Intended audience
- MAGIC 3.0 system specs
- How to operate MAGIC 3.0
- For more info or assistance ...

What is MAGIC?

**Military Activity GIS Information
Computer**

Intended audience:

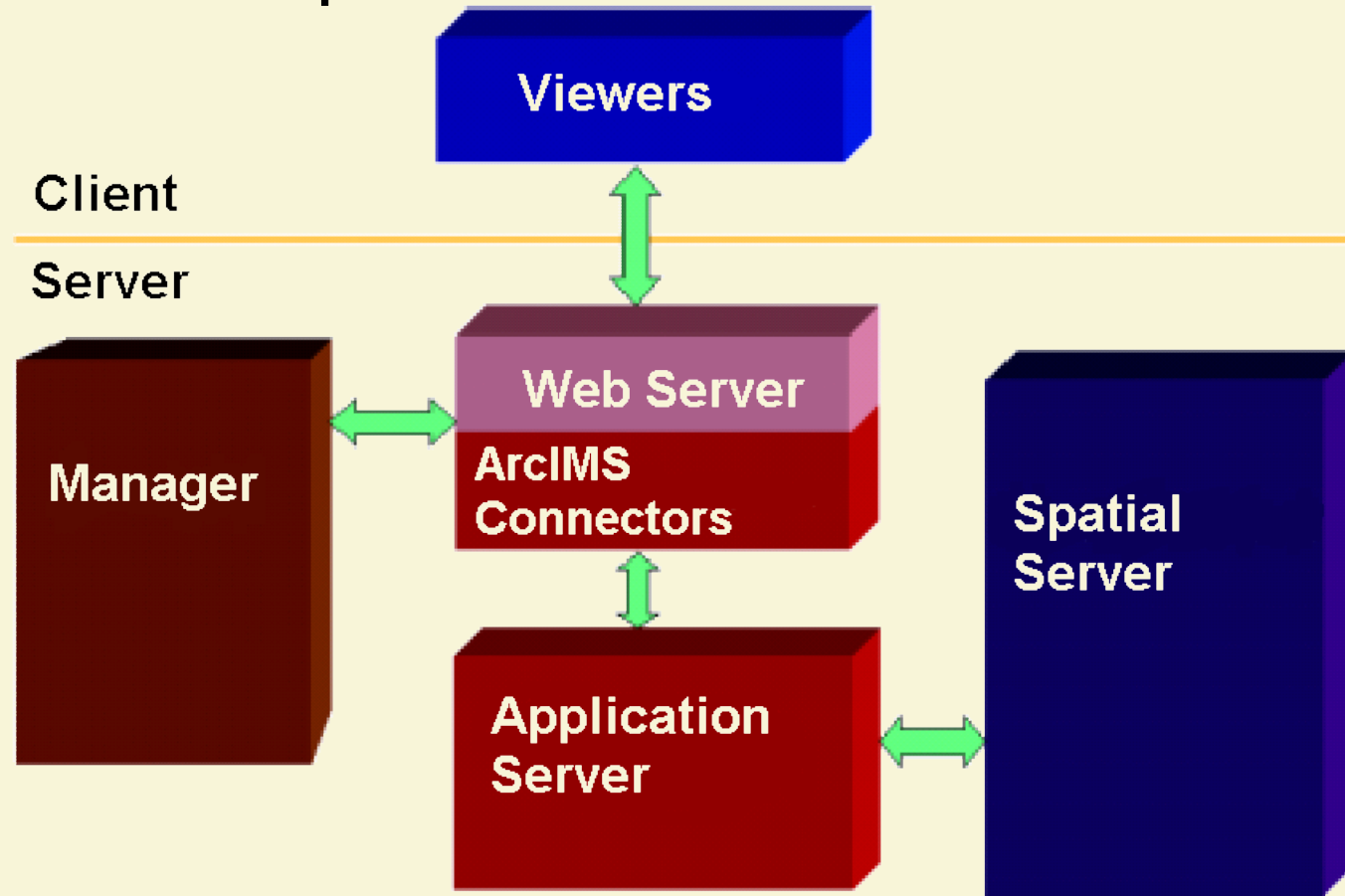
Non GIS personnel needing access to
Installation specific training features and
maps.

- Training leaders
- Range control staff
- MACOM reps

Planning Training

- Allows trainers to choose current geographic features they need to see in order to plan their field training.
- The trainer can make various maps using whatever layers are available - including air photos or Installation Special maps.
- Can print maps locally or save images to use in other software such as MS Word or PowerPoint.
- Facilitates communication between the trainers and GIS personnel for updating geographic features.

MAGIC 3.0 System Specs



Viewers



Microsoft
Internet
Explorer

Located at this address:

<http://magic3.cemml.colostat.edu>

(password protected access)

How to operate MAGIC

3.0

Military Applications GIS Interface Computer MAGIC version 3.0 - Microsoft Internet Explorer

Links Customize Links Free Hotmail Windows Media Windows RealPlayer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites History Print Mail News

Address <http://magic3.cemml.colostate.edu> Go



Welcome to

**Military Applications GIS Interface Computer
MAGIC version 3.0**

[Get instructions](#) [Go to the maps](#)

The purpose of this site is to make basic installation, range and related spatial data available to the ITAM and Range communities. The maps currently are not accessible using Netscape. **Internet Explorer** is required.

This site is hosted by the ITAM GIS Regional Support Centers.

Documents such as AR 350-4 (Integrated Training Area Management) are available at the [ITAM home page](#).

Western RSC contact: Mr. Kelly Elverum
E-mail: kilverum@cemml.colostate.edu
Phone: 970-491-2984

Settings Check
Your Browser Is:
MS Internet
Explorer 5.5

Done Internet

Military Applications GIS Interface Computer MAGIC version 3.0

[Get instructions](#)[Go to the maps](#)

The purpose of this site is to make basic installation, range and related spatial data available to the ITAM and Range communities. The maps currently are not accessible using Netscape. **Internet Explorer** is required.

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Western RSC contact: Mr. Kelly Elverum
E-mail: kilverum@cemml.colostate.edu
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ITAM GIS program contact: Mr. Craig Thomas
E-mail: Craig.Thomas@aec.apgea.army.mil
Phone: 410-436-1509

For problems with the MAGIC web site contact: Ms. Beth Baily
E-mail: bbaily@cemml.colostate.edu
Phone: 970-491-3814

Click [here](#) to obtain username/passwords.

Settings Check
Your Browser Is:
MS Internet
Explorer 5.5
Javascript -
Enabled
Screen Resolution
- OK
Screen Colors:
65536 - OK

Click on an Installation to View the Maps

EUSA

[Rodriguez](#)
[Korea General Data](#)

TRADOC

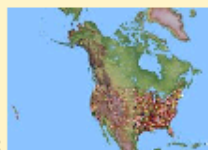
[Fort Benning](#)
[Fort Eustis](#)
[Fort Gordon](#)
[Fort Jackson](#)
[Fort Lee](#)
[Fort Rucker](#)
[Fort Story](#)
[Fort Leonard Wood](#)
[Fort Huachuca](#)

USARC

[Devens RFTA](#)
[Fort Dix](#)

NGB

[Aaron Strauss](#) [Central Oregon Training Site](#)
[Ashland](#) [Ethan Allen](#)
[Camel Tracks](#) [Florence Military Reservation](#)
[Camp Butner](#) [Grafton](#)
[Camp Dawson](#) [Harrison](#)
[Camp Dodge](#) [Hastings](#)
[Camp Gruber](#) [Kansas Regional Training Institute](#)
[Camp Guernsey](#) [Limestone Hills](#)
[Camp McCain](#) [Marseilles](#)
[Camp Navajo](#) [McClellan](#)
[Camp Perry](#) [Milan](#)
[Camp Santiago](#) [Rilea](#)
[Camp Smith](#) [Riley Bogbrook](#)
[Camp Wismer](#) [Roswell WETS](#)
[Caswell Loring](#) [Tulahoma](#)
[Catoosa](#) [Wendell Ford RTC](#)



OR Click [here](#) to select from map

Current Map: **MAGIC 3.0**

Camp Guernsey

Layers

Legend

- Available Maps
- Zoom In**
- Zoom Out
- Pan
- Full Map
- Last Zoom
- Zoom Active
- Overview Map
- Identify Data
- Find Data
- Measure
- Print

Enter Network Password

 This secure Web Site (at magic3.cemml.colostate.edu) requires you to log on.

Please type the User Name and Password that you use for ArcIMS Network.

User Name

Password

☐ Save this password in your password list

OK Cancel

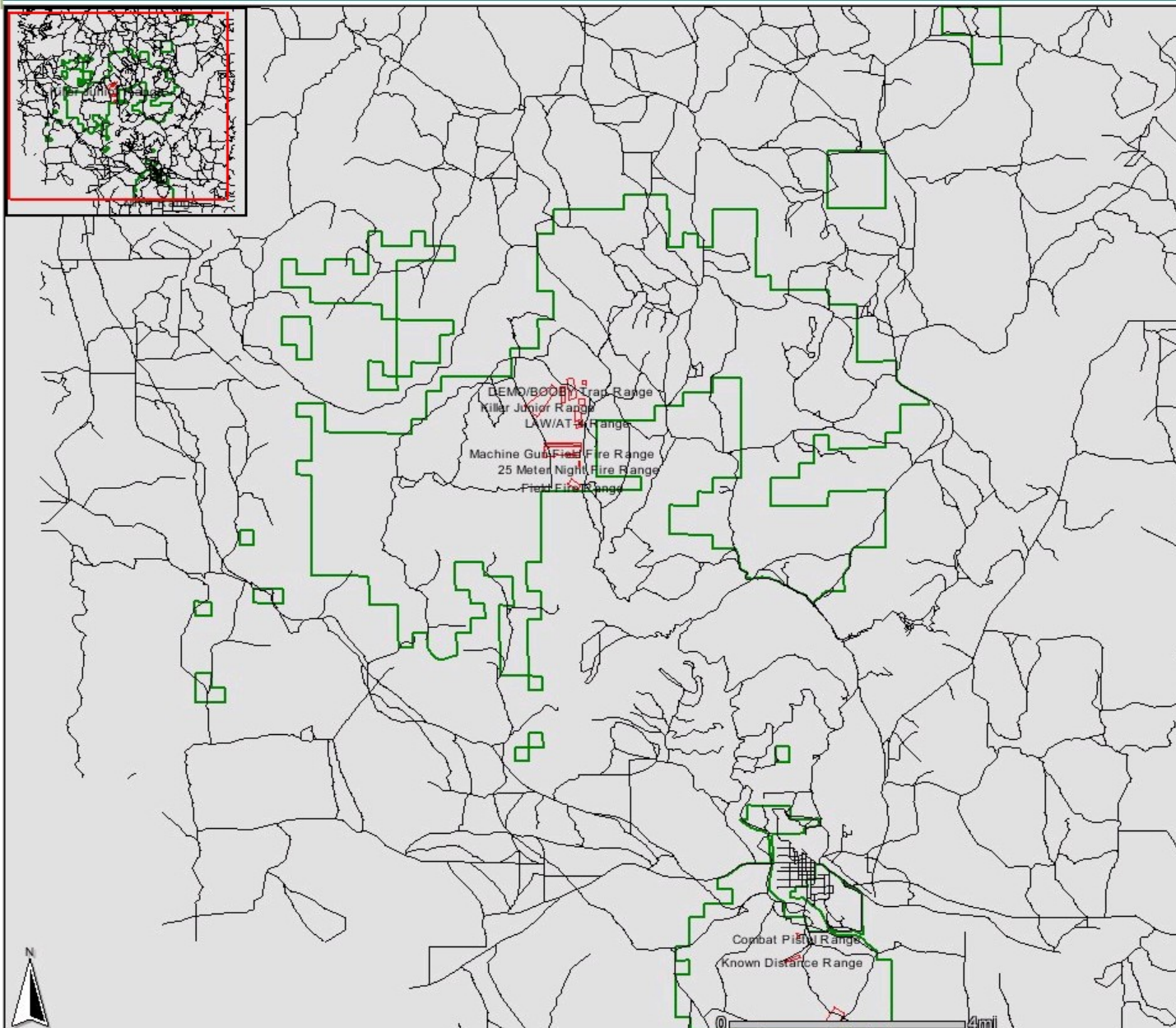
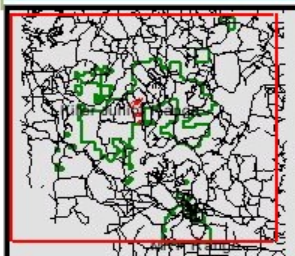
Refresh Map

Current Map: **MAGIC 3.0**

Camp Guernsey

Basic

-  Available Maps
-  **Zoom In**
-  Zoom Out
-  Pan
-  Full Map
-  Last Zoom
-  Zoom Active
-  Overview Map
-  Identify Data
-  Find Data
-  Measure
-  Print



Layers

Legend

Layers

Visible Active

- ☐ ☒ UTM 1K
Grid Labels
UTM 1K
- ☐ ☐ Grid
Corners
UTM 1K
Grid
- ☐ ☐ Railroads
- ☒ ☐ Roads
- ☐ ☐ Cantonment
Utilities
(Trans and
Pipe)
- ☐ ☐ Utilities
(Windmills)
- ☒ ☐ Ranges
- ☐ ☐ Rivers
- ☐ ☐ Lakes
- ☐ ☐ Streams
- ☐ ☐ Benchmarks
- ☒ ☐ Boundary
- ☐ Aerial Photo
- ☐ Installation
Special



Zoom In

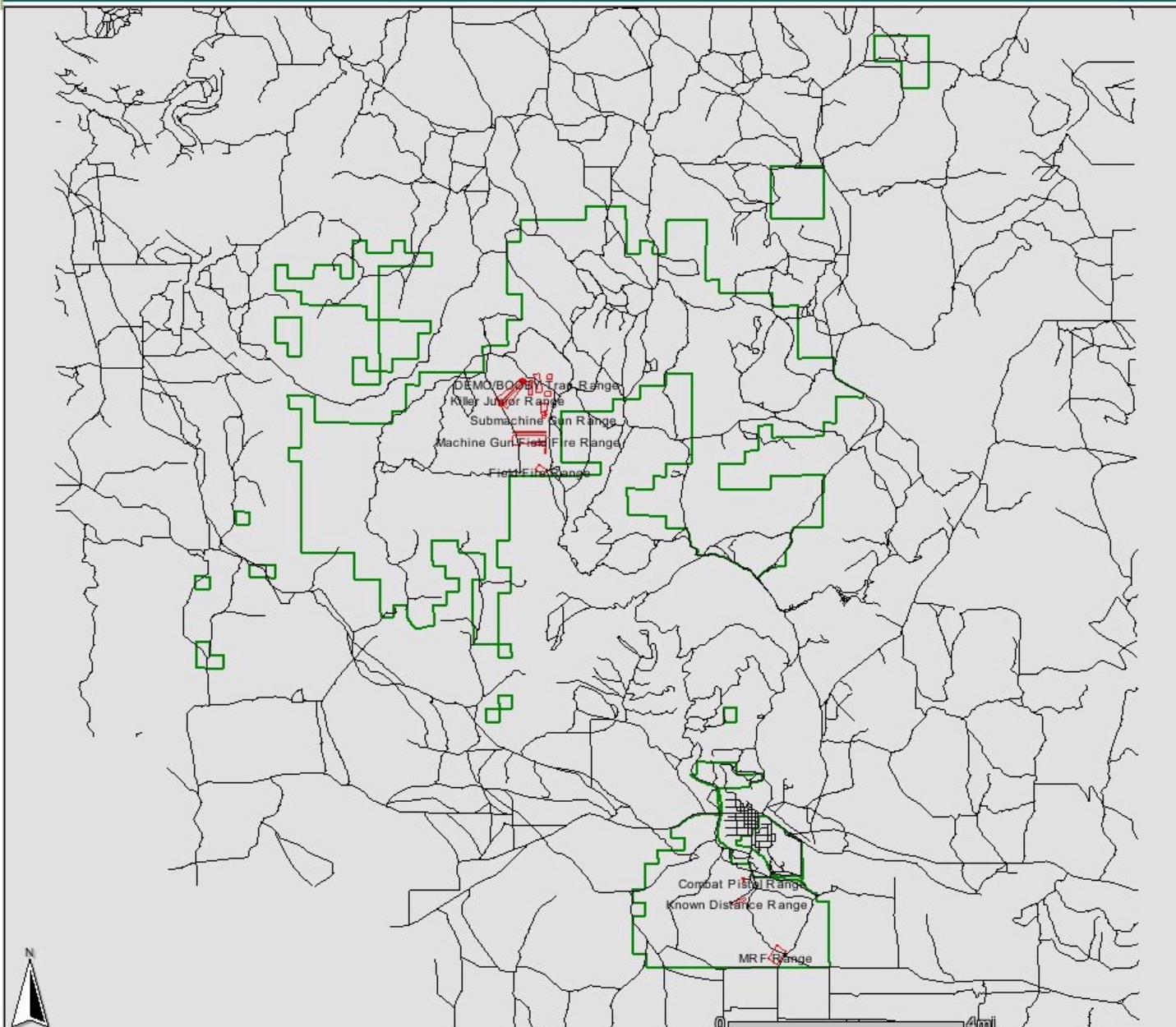
Current Map: **MAGIC 3.0**

Camp Guernsey

Layers **Legend**

- Legend
- Roads
 - Ranges
 - Boundary

- Basic**
- Available Maps
 - Zoom In**
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 - Zoom Active
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 - Print



Refresh Map

Zoom In

Current Map: **MAGIC 3.0**

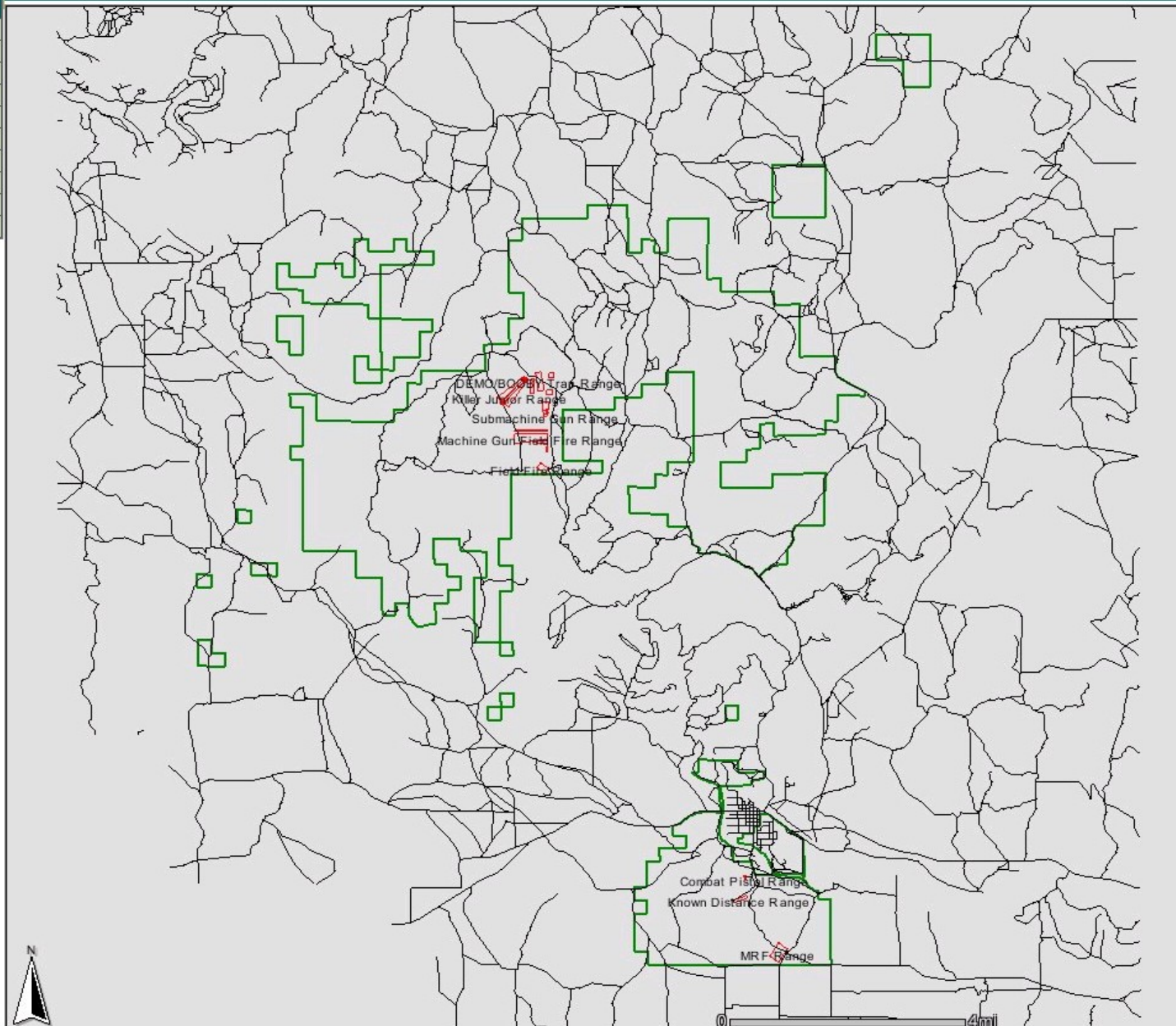
Camp Guernsey

[Layers](#)
[Legend](#)

Layers

Visible Active

- ☐ ☐ UTM 1K
Grid Labels
- ☐ ☐ UTM 1K
Grid
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Corners
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- ☐ ☐ Cantonment
Utilities
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Pipe)
- ☐ ☐ Utilities
(Windmills)
- ☒ ☒ Ranges
- ☐ ☐ Rivers
- ☐ ☐ Lakes
- ☐ ☐ Streams
- ☐ ☐ Benchmarks
- ☒ ☐ Boundary
- ☐ Aerial Photo
- ☐ Installation
Special


[Refresh Map](#)

Zoom In

Current Map: **MAGIC 3.0**

Camp Guernsey

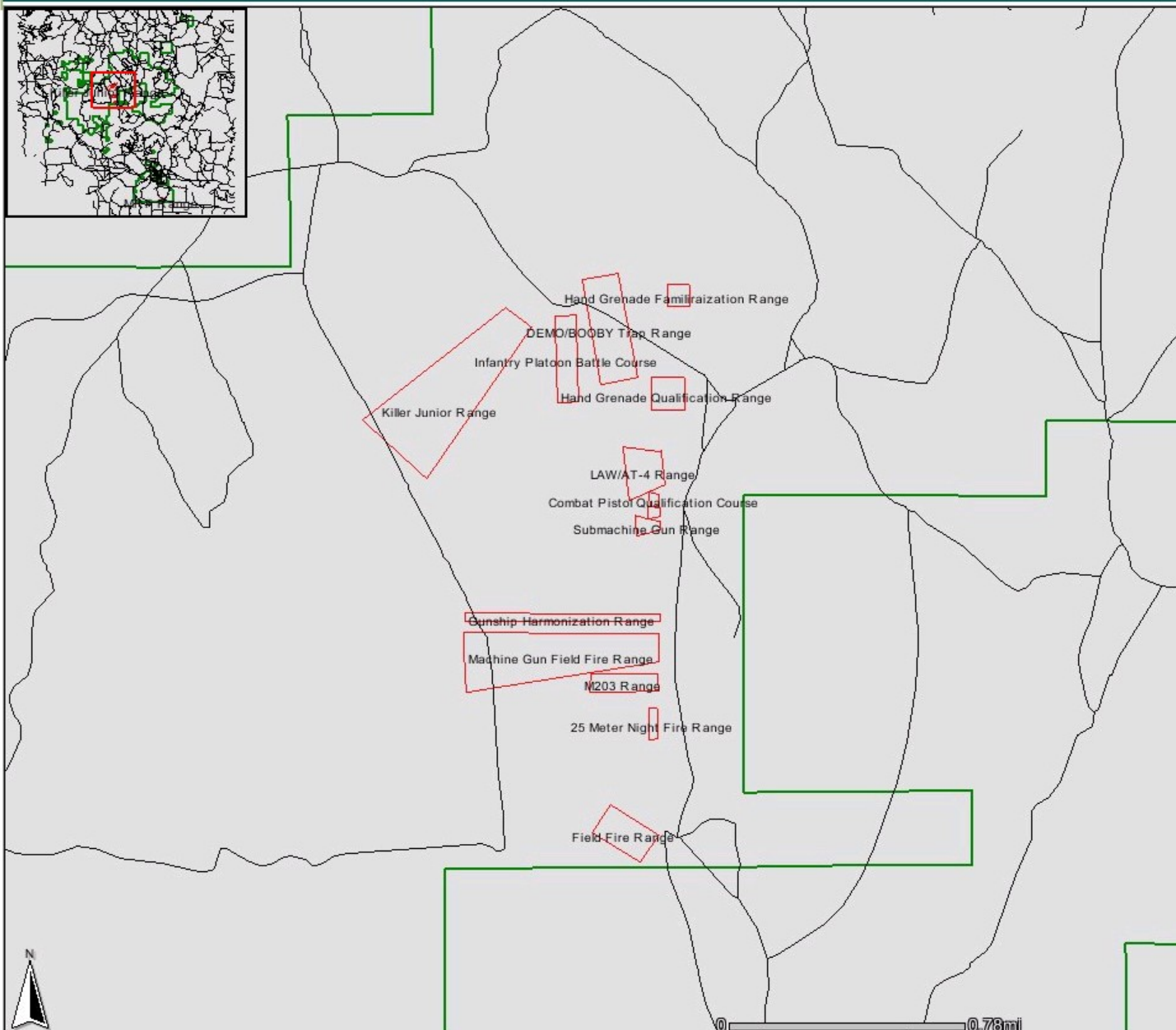
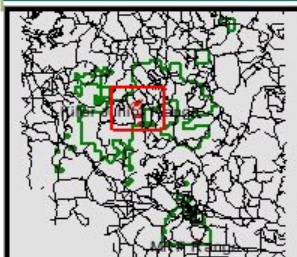
Layers Legend

Layers

Visible Active

- ☐ ☒ UTM 1K Grid Labels
- ☐ ☐ UTM 1K Grid
- ☐ ☐ Grid Corners
- ☐ ☐ UTM 1K Grid
- ☐ ☐ Railroads
- ☒ ☐ Roads
- ☐ ☐ Cantonment
- ☐ ☐ Utilities (Trans and Pipe)
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- ☒ ☐ Ranges
- ☐ ☐ Rivers
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- ☐ ☐ Benchmarks
- ☒ ☐ Boundary
- ☐ ☐ Aerial Photo
- ☐ ☐ Installation
- ☐ ☐ Special

- Available Maps
- Zoom In**
- Zoom Out
- Pan
- Full Map
- Last Zoom
- Zoom Active
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- Measure
- Print



0.78mi

Refresh Map

Zoom In

Current Map: **MAGIC 3.0**

Camp Guernsey

Layers

Legend

Layers

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| ☐ | ☐ | Aerial Photo |
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| ☐ | ☐ | Special |

Basic

Available Maps

Zoom In

Zoom Out

Pan

Full Map

Last Zoom

Zoom Active

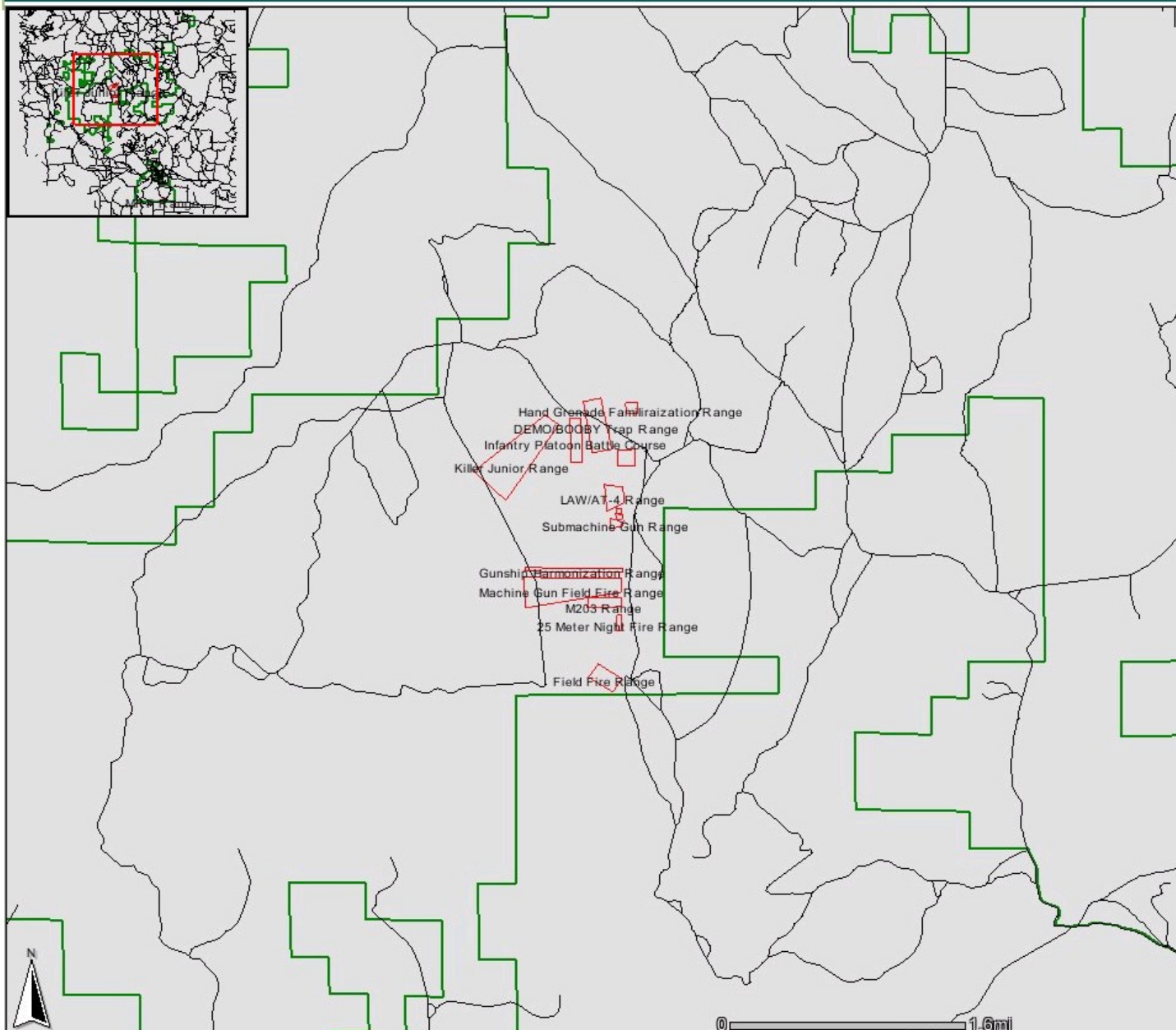
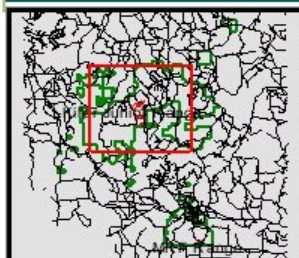
Overview Map

Identify Data

Find Data

Measure

Print



Refresh Map

Zoom Out

Current Map: **MAGIC 3.0**

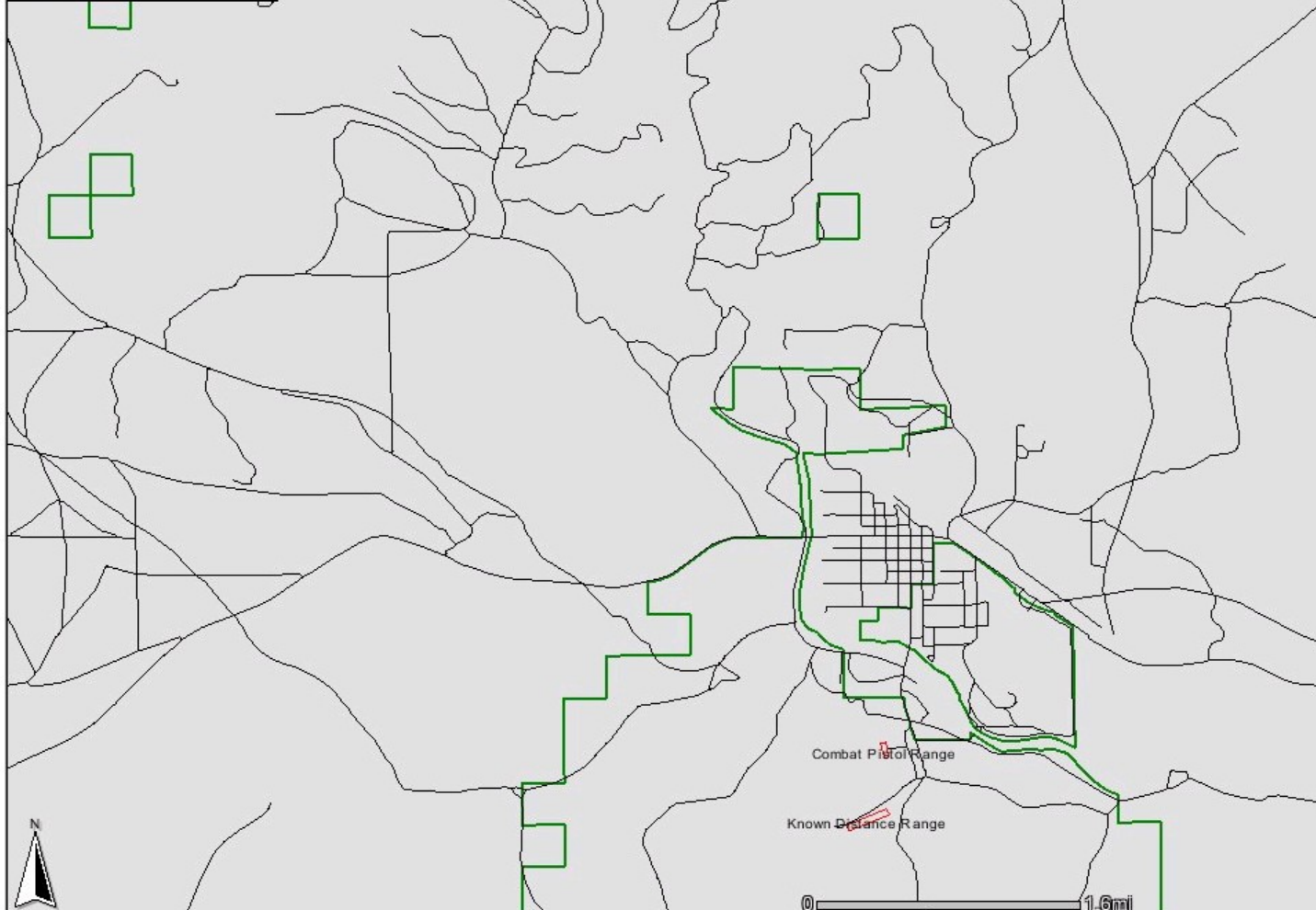
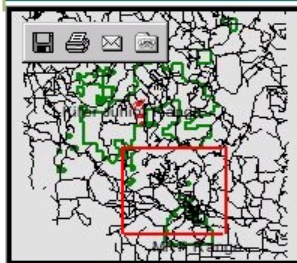
Camp Guernsey

[Layers](#) [Legend](#)

Layers

Visible Active

- ☐ ☒ UTM 1K Grid Labels
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- ☐ ☐ Railroads
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- ☐ ☐ Rivers
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- ☐ ☐ Streams
- ☐ ☐ Benchmarks
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- ☐ Aerial Photo
- ☐ Installation
- ☐ Special

[Refresh Map](#)

Current Map: **MAGIC 3.0**

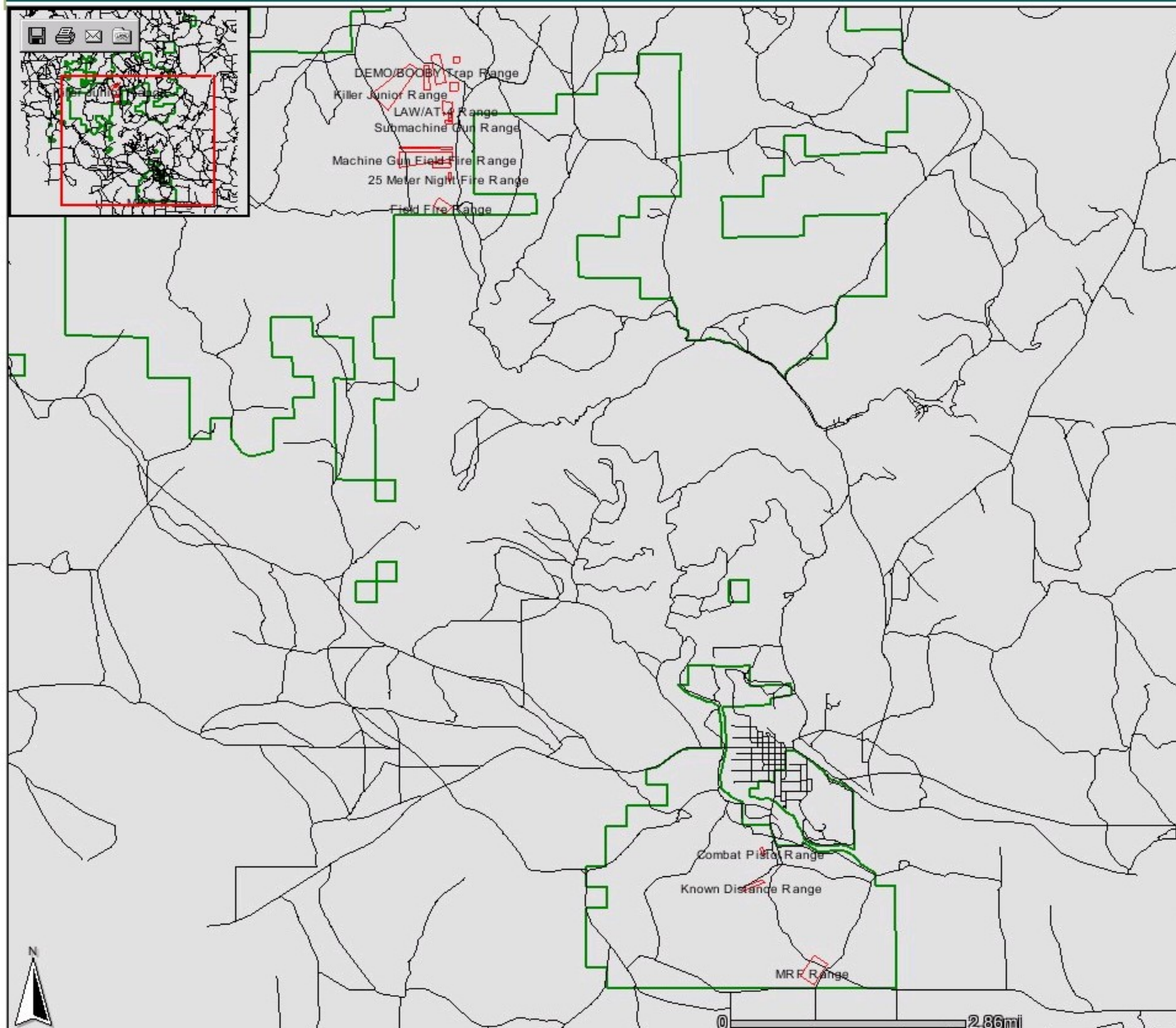
Camp Guernsey

[Layers](#) [Legend](#)

Layers

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Grid Labels
- ☐ ☐ UTM 1K
Grid
- ☐ ☐ Grid
Corners
- ☐ ☐ UTM 1K
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Utilities
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- ☐ ☐ Benchmarks
- ☒ ☐ Boundary
- ☐ Aerial Photo
- ☐ Installation
Special

[Refresh Map](#)[Zoom In](#)

Current Map: **MAGIC 3.0**

Camp Guernsey

[Layers](#) [Legend](#)

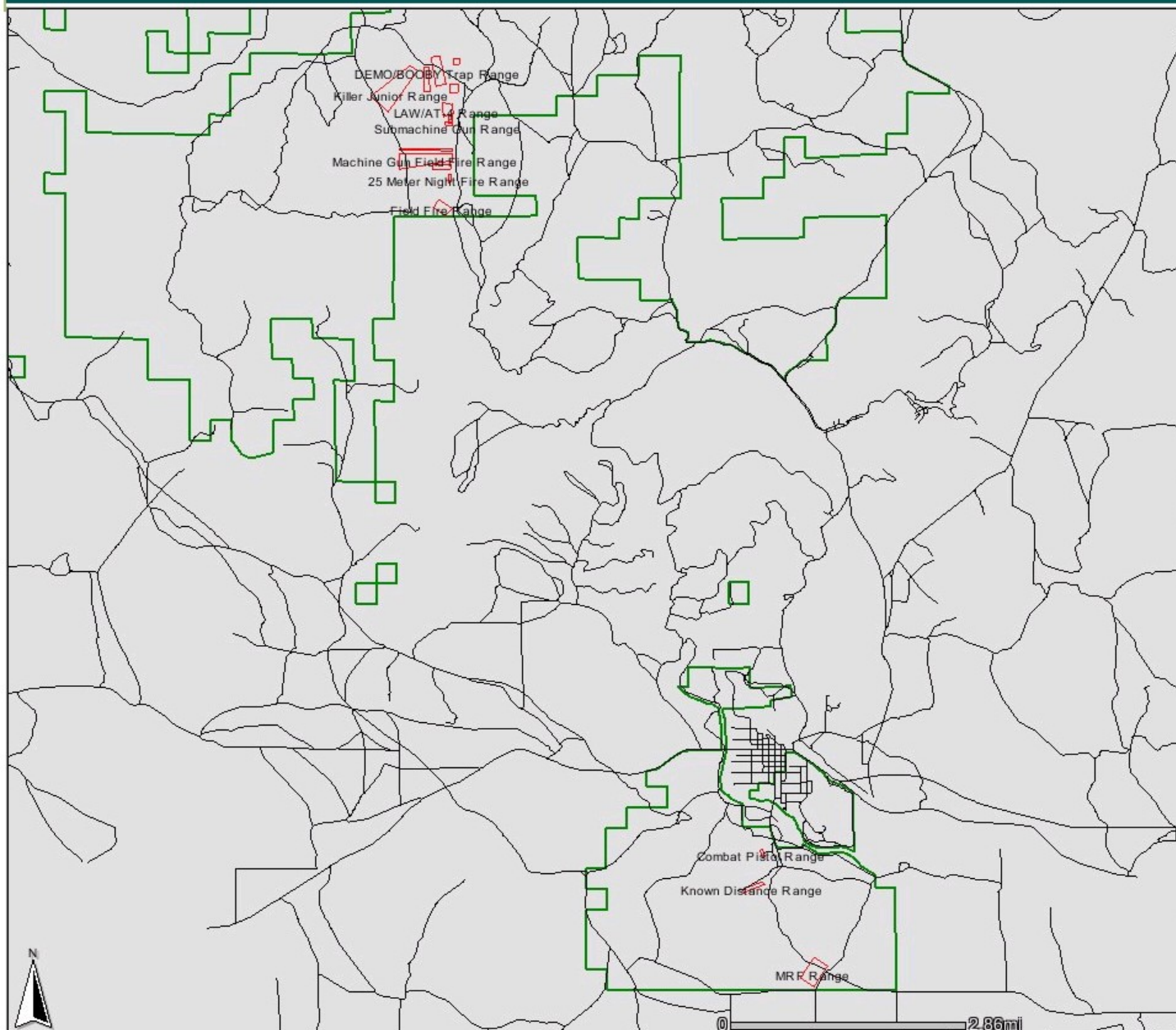
Layers

Visible Active

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- ☐ ☐ Rivers
- ☐ ☐ Lakes
- ☐ ☐ Streams
- ☐ ☐ Benchmarks
- ☒ ☐ Boundary
- ☐ Aerial Photo
- ☐ Installation
Special

Basic

- Available
Maps
- Zoom In**
- Zoom Out
- Pan
- Full Map
- Last Zoom
- Zoom Active
- Overview Map
- Identify Data
- Find Data
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- Print

[Refresh Map](#)**Zoom In**

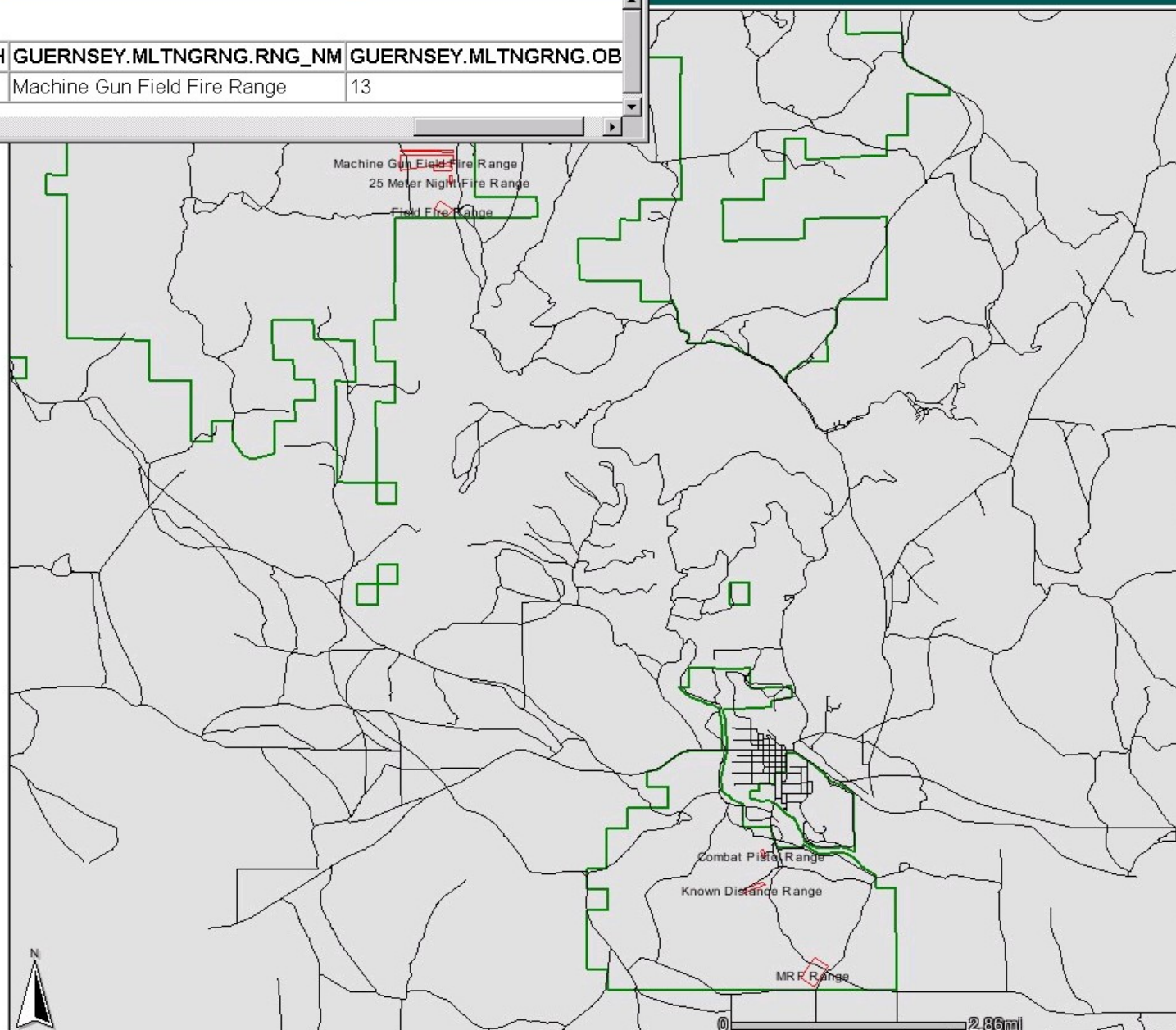
Current Map: **MAGIC 3.0**

Basic



Query/Selection Results - Microsoft Internet Explorer

SOUTH	GUERNSEY.MLTNGRNG.RNG_NM	GUERNSEY.MLTNGRNG.OB
	Machine Gun Field Fire Range	13



Layers

Legend

Layers

Visible Active

- ☐ ☐ UTM 1K Grid Labels
- ☐ ☐ UTM 1K Grid Corners
- ☐ ☐ UTM 1K Grid
- ☐ ☐ Railroads
- ☒ ☐ Roads
- ☐ ☐ Cantonment Utilities (Trans and Pipe)
- ☐ ☐ Utilities (Windmills)
- ☒ ☒ Ranges
- ☐ ☐ Rivers
- ☐ ☐ Lakes
- ☐ ☐ Streams
- ☐ ☐ Benchmarks
- ☒ ☐ Boundary
- ☐ Aerial Photo
- ☐ Installation Special

Refresh Map

Current Map: **MAGIC 3.0**

http://magic3.cemml.colostate.edu/servlet/com.esri.esrimap.Esrimap?ServiceName=Guernsey_Basic&C - Microsoft Int...

Field	Operator	Sample Values	And	Or
GUERNSEY.MLTNGRNG.RNG_NM	=	"Machine Gun Field Fire Range"	Not	()
Add to Query String				
GUERNSEY.MLTNGRNG.RNG_NM = "Machine Gun Field Fire Range"				
Execute Undo Clear				



- Layers Legend
- Visible Active
- ☐ ☐ UTM 1K Grid Labels
 - ☐ ☐ UTM 1K Grid Corners
 - ☐ ☐ UTM 1K Grid
 - ☐ ☐ Railroads
 - ☒ ☐ Roads
 - ☐ ☐ Cantonment
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 - ☐ ☐ Lakes
 - ☐ ☐ Streams
 - ☐ ☐ Benchmarks
 - ☒ ☐ Boundary
 - ☐ Aerial Photo
 - ☐ Installation
 - ☐ Special

[Refresh Map](#)

Current Map: **MAGIC 3.0**

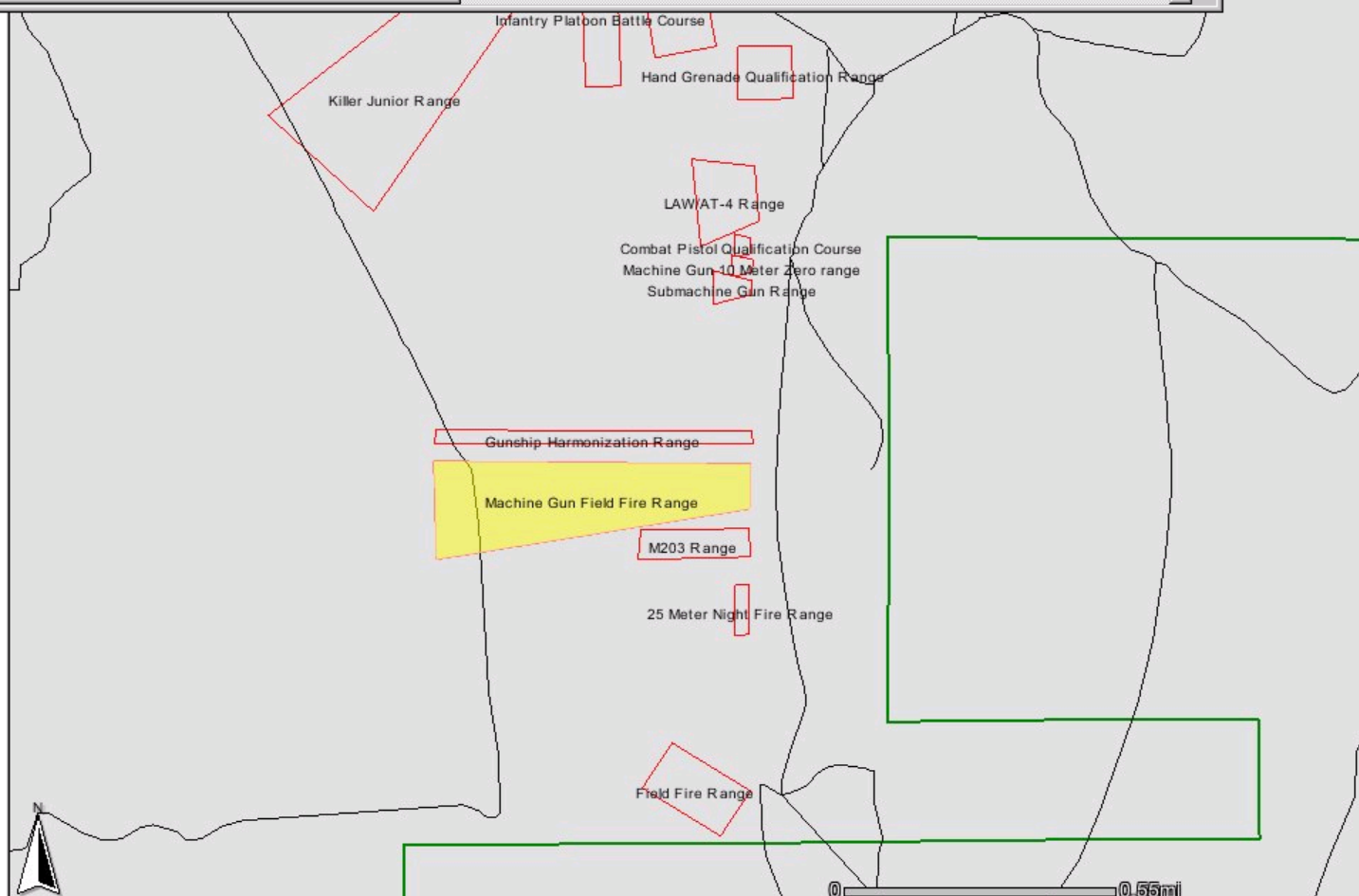
Basic

Available
Map
Zoom
Zoom
Pa
Full
Last 2
Zoom
Overview
Identif
Find
Measure
Print

Query/Selection Results - Microsoft Internet Explorer

Ranges

Rec	#SHAPE#	GUERNSEY.MLTNGRNG.AREA	GUERNSEY.MLTNGRNG.PERIMETER	GUERNSEY.MLTNGRNG.MLT
1	[polygon]	242939.28203014	2541.75989511	14



Layers

Legend

Layers

Visible Active

- ☐ ☐ UTM 1K Grid Labels
- ☐ ☐ UTM 1K Grid Corners
- ☐ ☐ UTM 1K Grid
- ☐ ☐ Railroads
- ☒ ☐ Roads
- ☐ ☐ Cantonment
- ☐ ☐ Utilities (Trans and Pipe)
- ☐ ☐ Utilities (Windmills)
- ☒ ☒ Ranges
- ☐ ☐ Rivers
- ☐ ☐ Lakes
- ☐ ☐ Streams
- ☐ ☐ Benchmarks
- ☒ ☐ Boundary
- ☐ ☐ Aerial Photo
- ☐ ☐ Installation Special

Refresh Map

Current Map: **MAGIC 3.0**

Camp Guernsey

[Layers](#) [Legend](#)

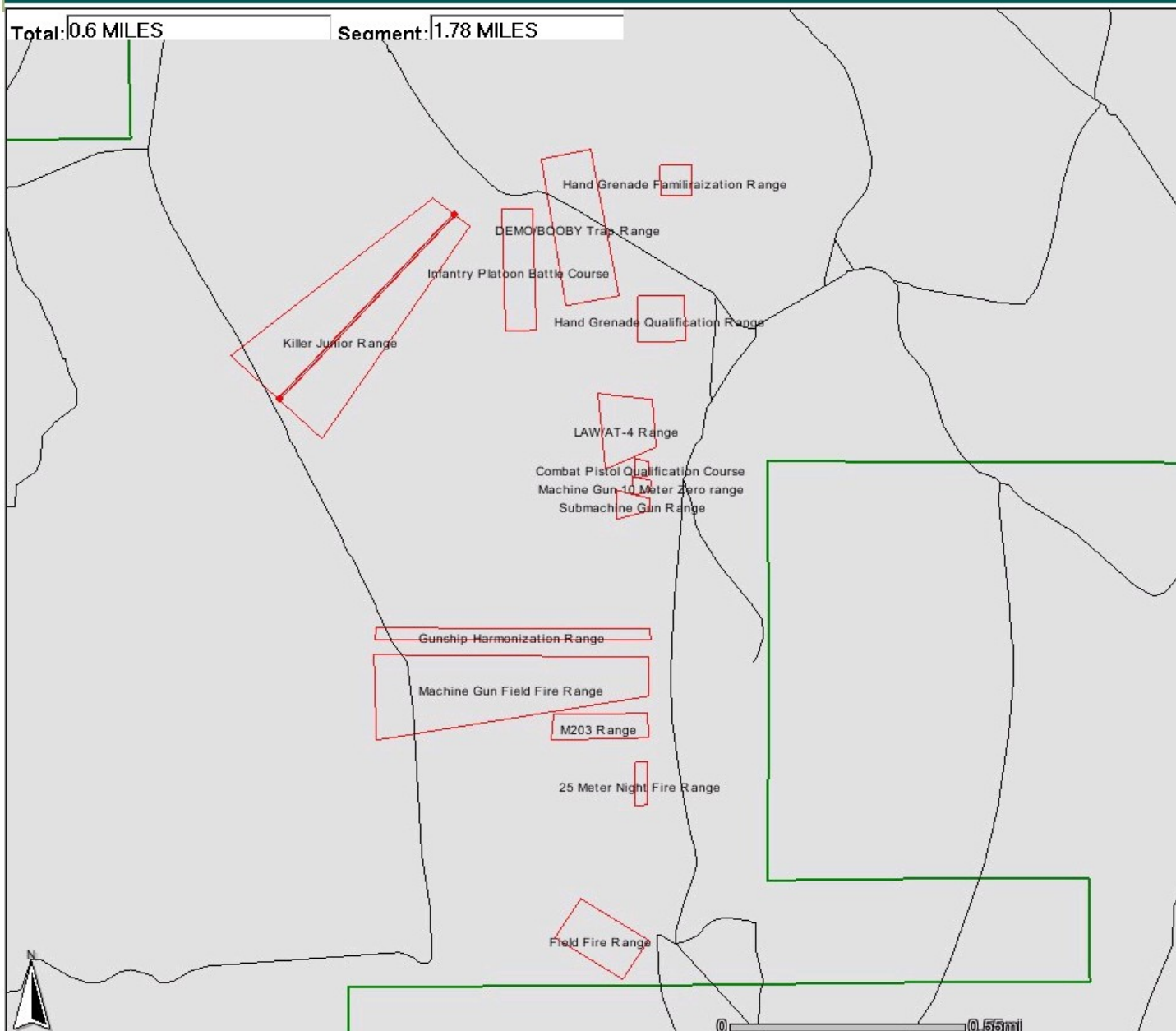
Layers

Visible Active

- ☐ ☐ UTM 1K Grid Labels
- ☐ ☐ UTM 1K Grid Corners
- ☐ ☐ UTM 1K Grid
- ☐ ☐ Railroads
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- ☐ ☐ Utilities (Windmills)
- ☒ ☒ Ranges
- ☐ ☐ Rivers
- ☐ ☐ Lakes
- ☐ ☐ Streams
- ☐ ☐ Benchmarks
- ☒ ☐ Boundary
- ☐ Aerial Photo
- ☐ Installation Special

Total: 0.6 MILES

Segment: 1.78 MILES



[Refresh Map](#)

Current Map: **MAGIC 3.0**

Print Map

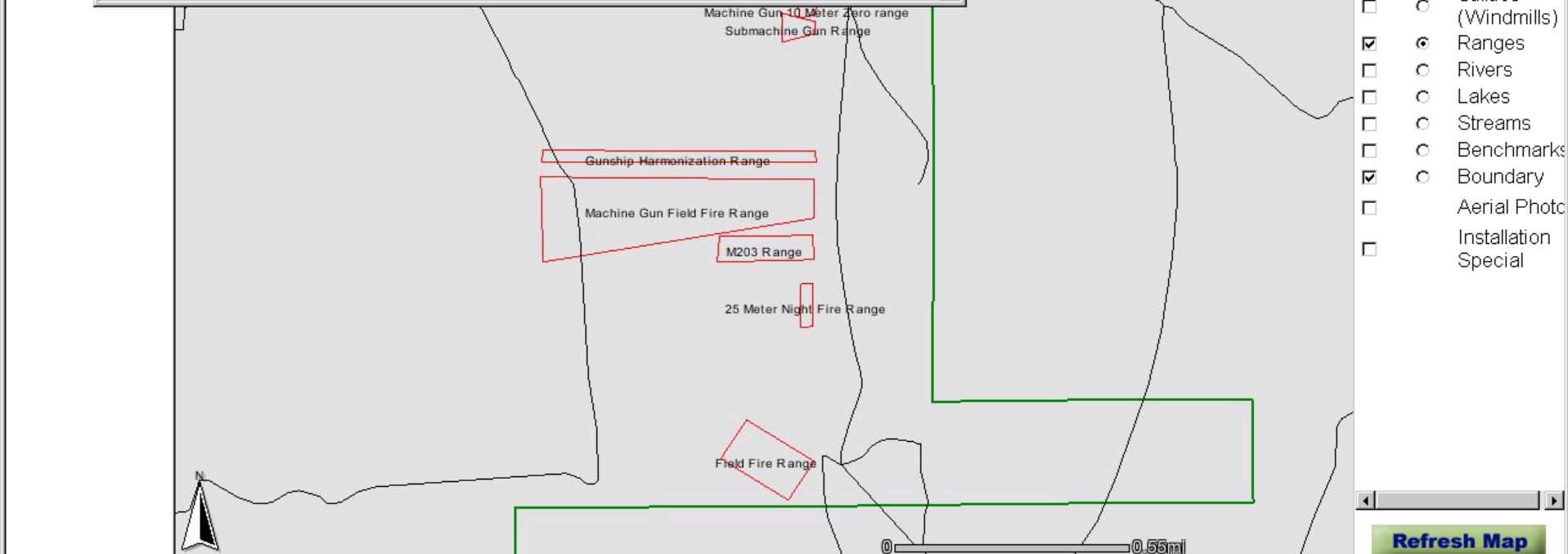
Title to display on Map:
Camp Guernsey Basic

Image Size ☐ Current Map ☐ 8.5 by 11 ☐ 11 by 17

Image Quality ☐ Normal ☐ Medium ☐ High

Create Print Page

Click on "Create Print Page" to open a new Browser window with the Map Image, Overview Map Image, and Legend displayed. You can then use the File/Print menu item to send the display to your printer.



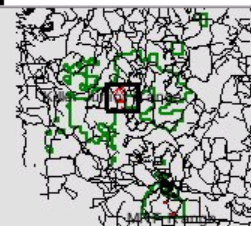
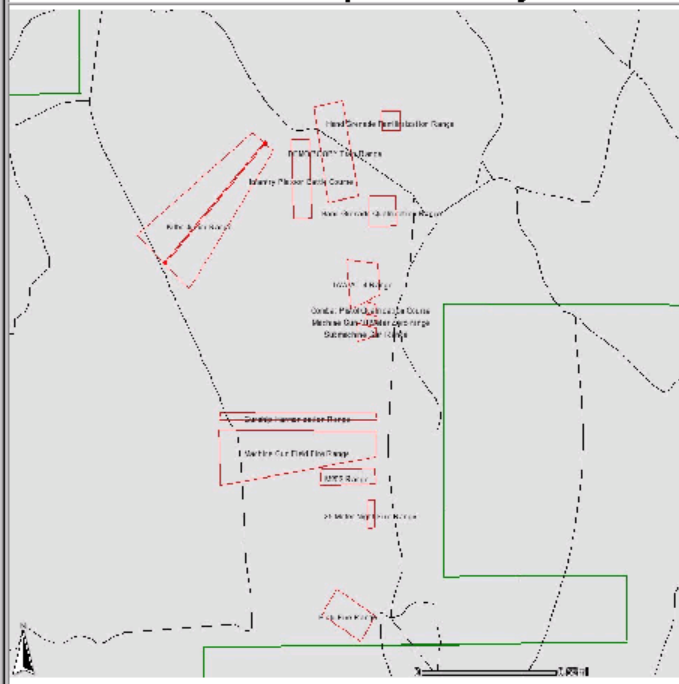
Layers

Visible Active

- ☐ ☐ UTM 1K Grid Labels
- ☐ ☐ UTM 1K Grid
- ☐ ☐ Railroads
- ☒ ☐ Roads
- ☐ ☐ Cantonment
- ☐ ☐ Utilities (Trans and Pipe)
- ☐ ☐ Utilities (Windmills)
- ☒ ☒ Ranges
- ☐ ☐ Rivers
- ☐ ☐ Lakes
- ☐ ☐ Streams
- ☐ ☐ Benchmarks
- ☒ ☐ Boundary
- ☐ ☐ Aerial Photo
- ☐ ☐ Installation
- ☐ ☐ Special

Refresh Map

Camp Guernsey Basic Map



Legend

 Roads

☐ Ranges

 Boundary

Print Target

Save Picture As...

E-mail Picture...

Print Picture...

[Go to My Pictures](#)

Set as Background

Cut

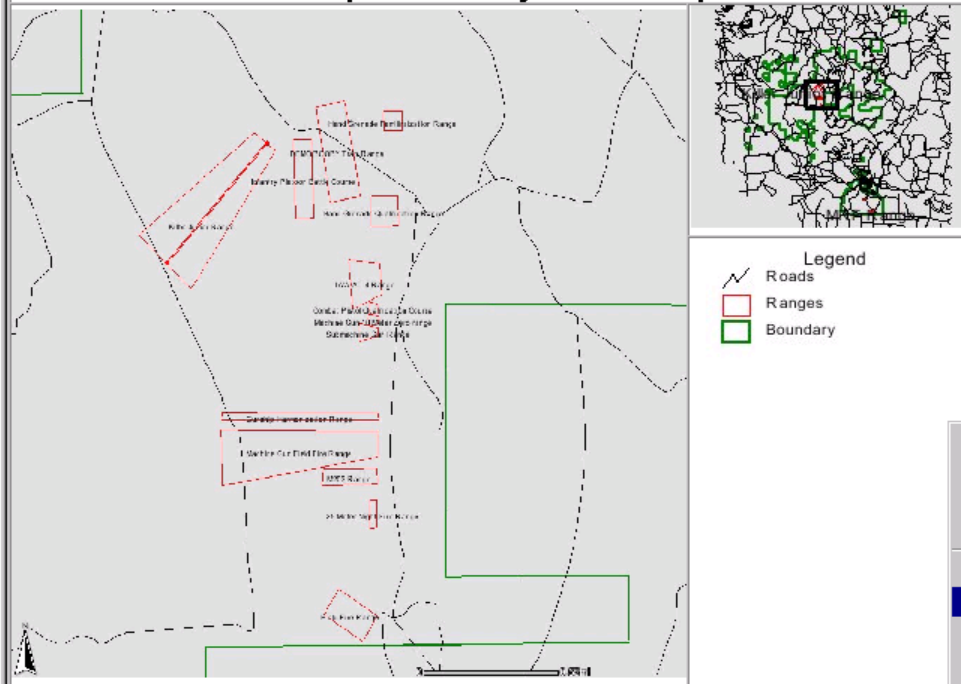
Copy

Copy Shortcut

Add to Favorites...

Properties

Camp Guernsey Basic Map



- Open Link
Open Link in New Window
Save Target As...
Print Target

Show Picture
Save Picture As...
E-mail Picture...
Print Picture...
Go to My Pictures
Set as Background

Cut
Copy
Copy Shortcut
Paste

Add to Favorites...

Properties

Current Map: **MAGIC 3.0**

Camp Guernsey

[Layers](#) [Legend](#)

Layers

Visible Active

- ☐ ☐ UTM 1K
- ☐ ☐ Grid Labels
- ☐ ☐ UTM 1K
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- ☐ ☐ UTM 1K
- ☐ ☐ Grid
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- ☐ ☐ (Trans and Pipe)
- ☐ ☐ Utilities
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- ☒ ☒ Ranges
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- ☐ ☐ Benchmarks
- ☒ ☐ Boundary
- ☒ ☐ Aerial Photo
- ☐ ☐ Installation
- ☐ ☐ Special

Basic

[Available Maps](#)

[Zoom In](#)

[Zoom Out](#)

[Pan](#)

[Full Map](#)

[Last Zoom](#)

[Zoom Active](#)

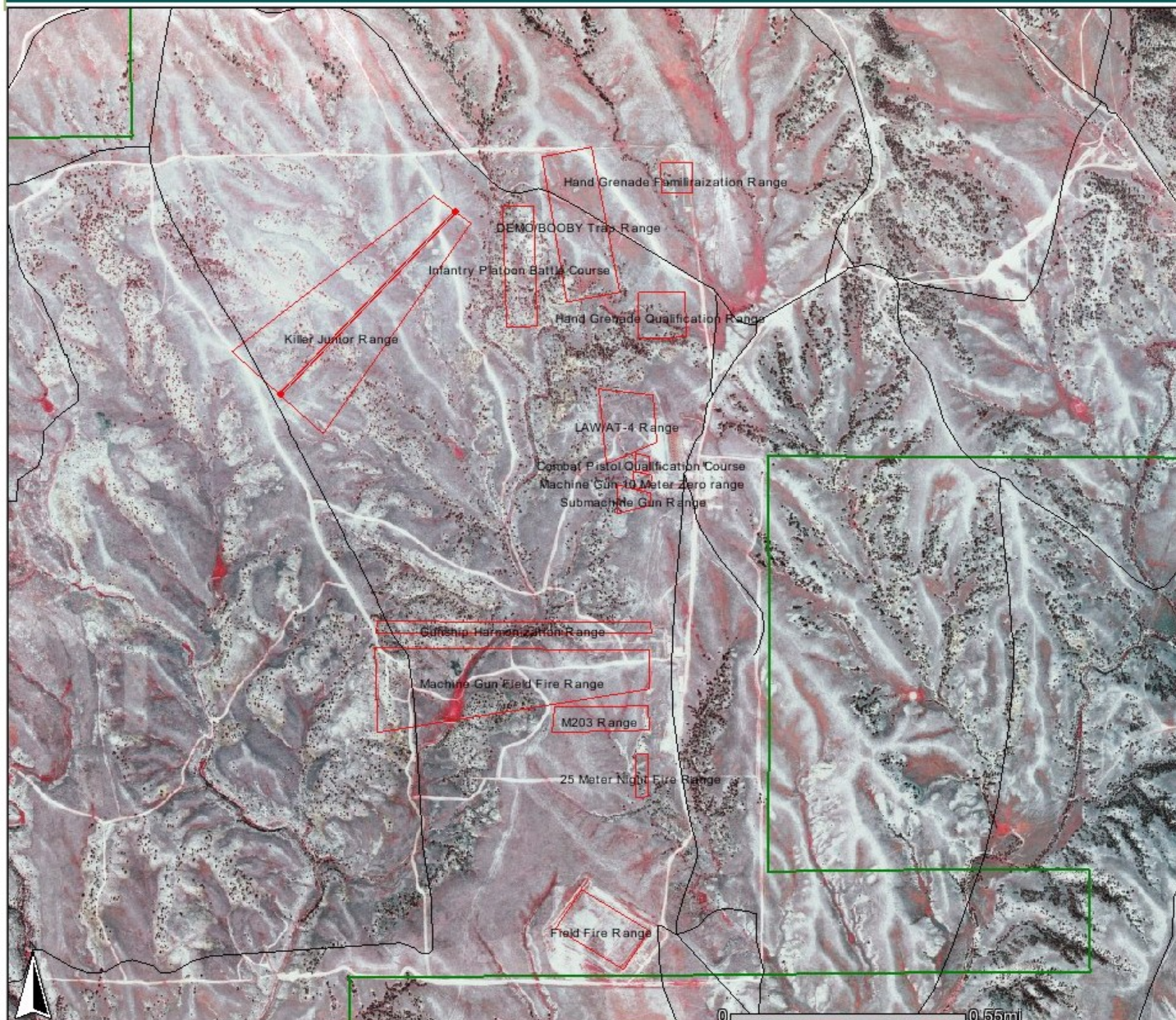
[Overview Map](#)

[Identify Data](#)

[Find Data](#)

[Measure](#)

[Print](#)

[Refresh Map](#)[Zoom In](#)

Current Map: **MAGIC 3.0**

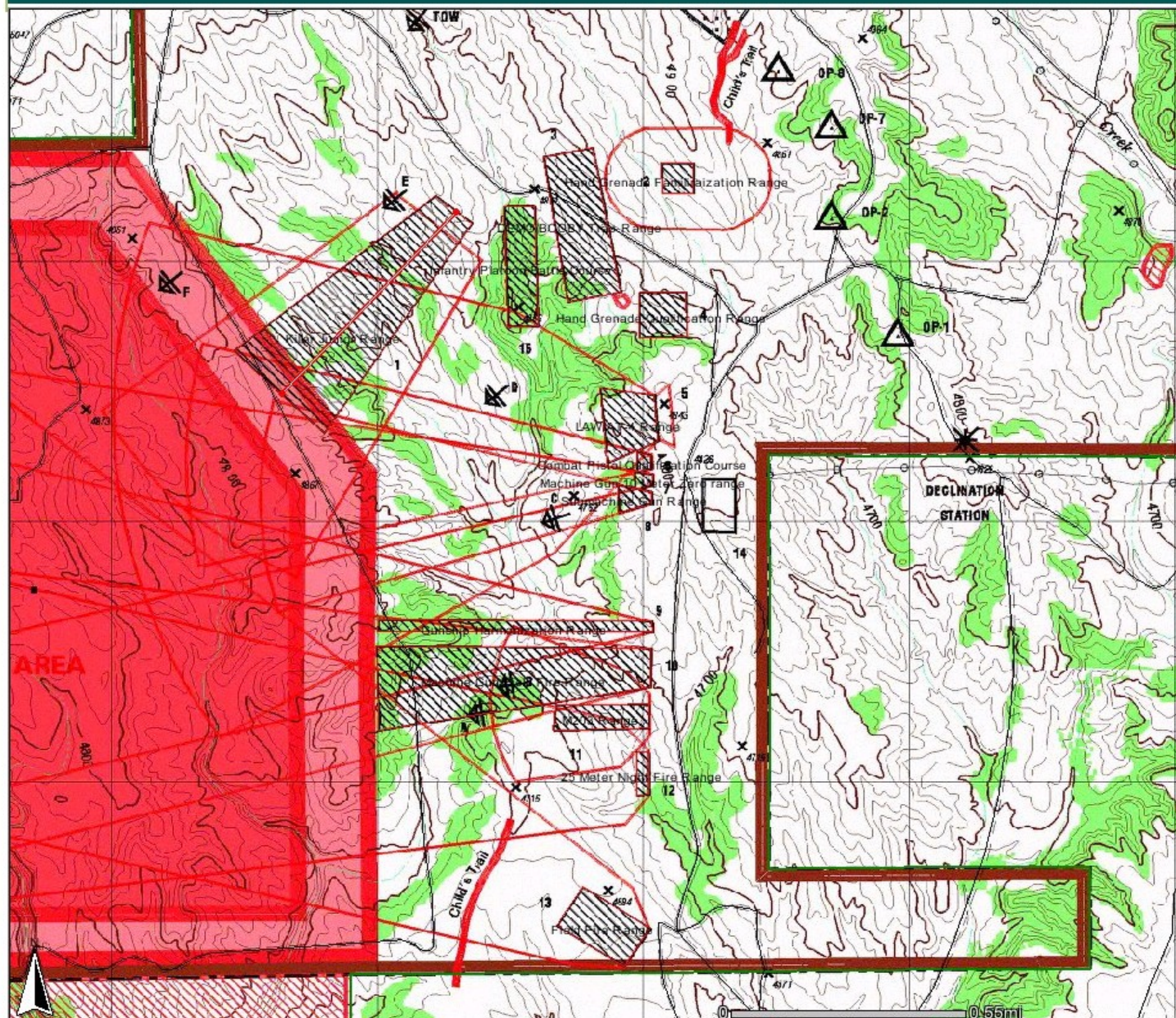
Camp Guernsey

[Layers](#)
[Legend](#)

Layers

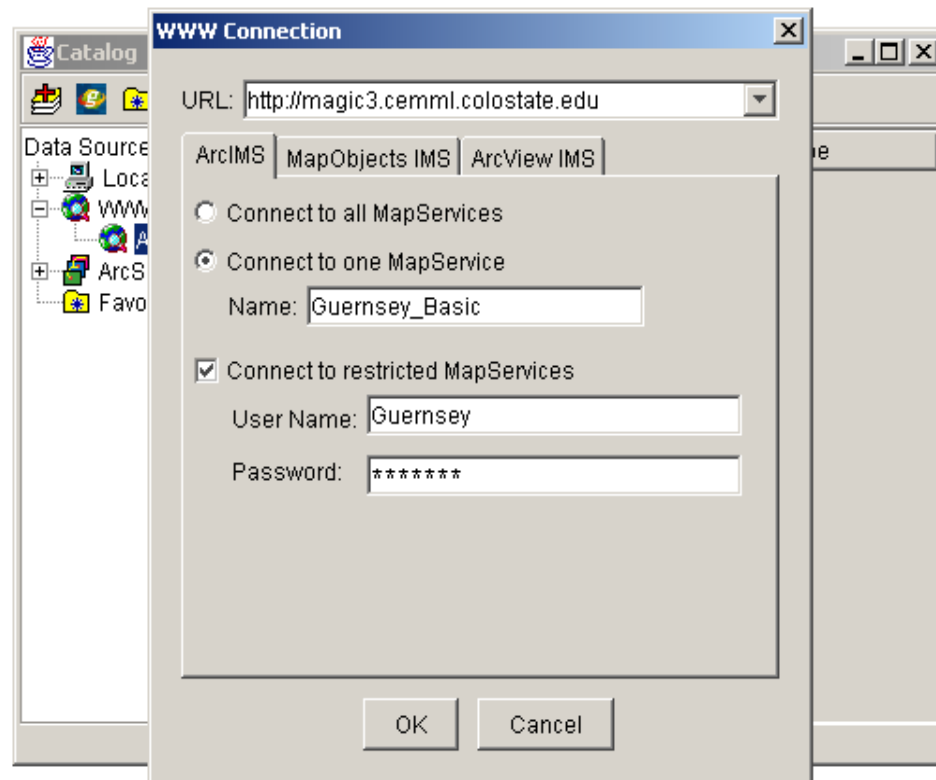
Visible Active

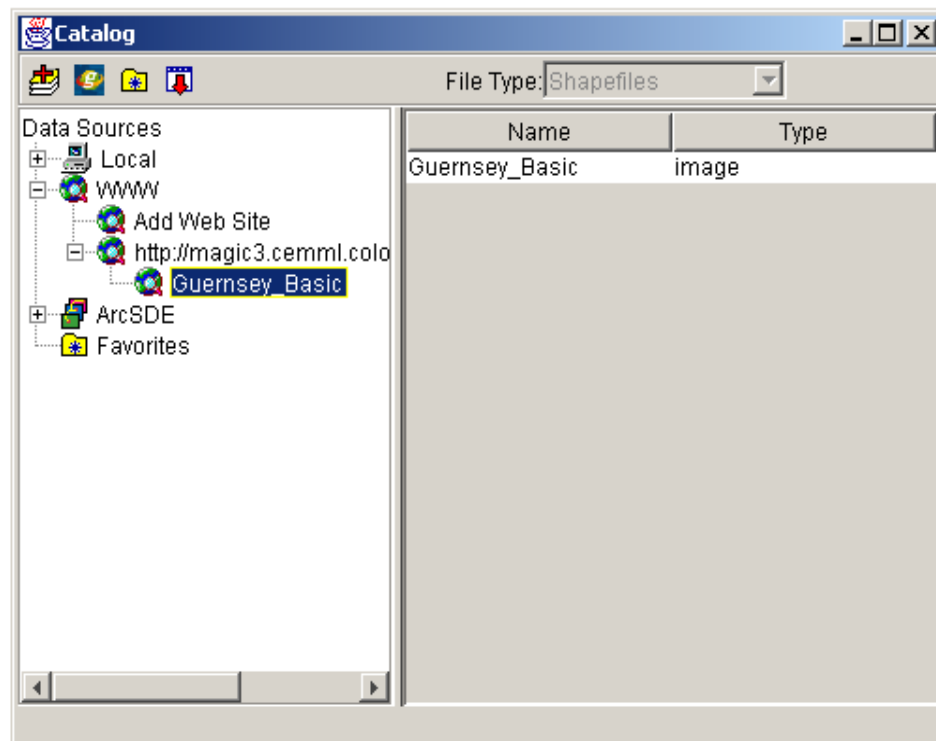
- | | | |
|-------------------------------------|----------------------------------|------------------|
| ☐ | ☐ | UTM 1K |
| ☐ | ☐ | Grid Labels |
| ☐ | ☐ | UTM 1K |
| ☐ | ☐ | Grid |
| ☐ | ☐ | Corners |
| ☐ | ☐ | UTM 1K |
| ☐ | ☐ | Grid |
| ☐ | ☐ | Railroads |
| ☐ | ☐ | Roads |
| ☐ | ☐ | Cantonment |
| ☐ | ☐ | Utilities |
| ☐ | ☐ | (Trans and Pipe) |
| ☐ | ☐ | Utilities |
| ☐ | ☐ | (Windmills) |
| ☐ | ☒ | Ranges |
| ☐ | ☐ | Rivers |
| ☐ | ☐ | Lakes |
| ☐ | ☐ | Streams |
| ☐ | ☐ | Benchmarks |
| ☒ | ☐ | Boundary |
| ☐ | ☐ | Aerial Photo |
| ☒ | ☐ | Installation |
| ☐ | ☐ | Special |


[Refresh Map](#)

Zoom In

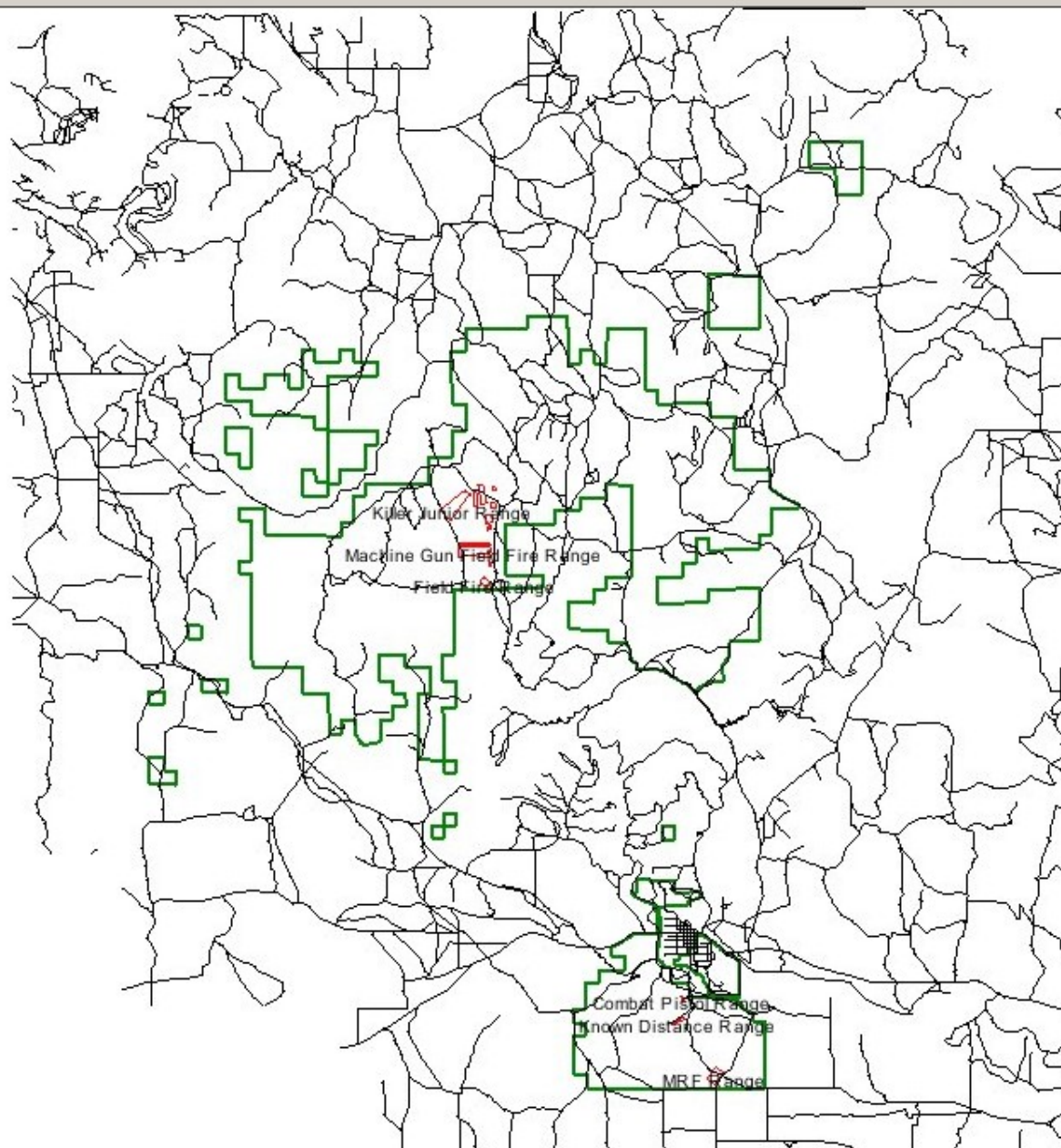
MAGIC 3.0 Instructions - Map Modification Request - ITAM Website







- ☒ Guernsey_Basic
- ☐ UTM 1K Grid Lat
- ☐ UTM 1K Grid Co
- ☐ UTM 1K Grid
- ☐ Railroads
- ☒ Roads
- ☐ Cantonment
- ☐ Utilities (Trans a
- ☐ Utilities (Windmi
- ☒ Ranges
- ☐ Rivers
- ☐ Lakes
- ☐ Streams
- ☐ Benchmarks
- ☒ Boundary
- ☐ Aerial Photo



For more info or
assistance...

- See demonstrations today in the Savannah Ballroom Demo area 1300-1600 hrs.
- Regional Support Center booth in the Exhibit area Tuesday and Wednesday.
- Contact the Eastern RSC at 804-633-8405
- Contact the Western RSC at 970-491-2984

Your feedback is very important - please
help us make a better product for YOU.